

Fish block, 10' high

Approximately  
2 miles above  
mouth of lake.

Upper Nichols Lake Creek  
102-10-60  
Novak

Stream above block narrows  
to 20-25' and increases in  
velocity. No rehabilitation  
needed.

102-10-10600

--Fish block as this tributary cascades  
off the hill.

MUSKEG

HEMLOCK

MUSKEG

- 65' wide

Very dark colored water.

Slow moving water throughout  
the lower 2 miles of this  
stream.

Appears to have excel-  
lent red salmon spawning  
characteristics.

The lake may have good  
potential for rearing  
salmon.

1500 red salmon reported in  
the stream below Nichols  
lake in 1956.

HEMLOCK

MUSKEG

#2

- 53 -

NICHOLS LAKE

N

Scale 1:63,360

NICHOLS  
LAKE

Name Nichols Creek Catalog No. 102-10-10600  
Latitude N 54° 44' 48" 44" WR No. 118A  
Longitude W 132° 10' 03" 00' 57" K No. 119  
Geodetic Map No. Dixon Ent. C-1 & D-1 Work Area Ketchikan  
Location Nichols Bay - head Watershed Length 4.5 Miles  
Drainage Area of Watershed 11.2 sq. miles (polar planimeter)  
Water Supply Type Lake

Trail & Survey Routes No trail but a fair game path on right side of stream, going upstream.

Aerial Survey Notes Hard to survey from the air because of dark rock bottom and mossy patches the length of the stream.

Anchorage Good anchorages marked on nautical chart. See Coast Pilot.

Tide Stage When Surveyed 1/2 ebb tide.

#### FISHERY RESOURCES

Commercial Fisheries Red, coho and pink peak year esc. for reds was 1956 with 2000, peak year for pinks, 1949 with 2000 pinks.

Escapement Available spawning area (1st stream section) - 634 M<sup>2</sup>; available spawning area (3rd stream section) - 1,568 M<sup>2</sup>; available spawning area (last section) - 418 M<sup>2</sup>

Species Composition Data too incomplete to determine.

Timing Mid July for reds, data too incomplete for timing schedule on pinks.

Schooling areas -

Shellfish Potential None - too rocky

Sport Fisheries Unknown - a big system and could have steelhead, cutthroat and Dolly Varden.

Land Use at Present None

History of Land Use None

Rehabilitation Potential None needed.

Soils Steep in some areas of stream but banks fairly stable.

#### GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	0
	Number of droppings	6
Geese -----	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Mallards ----	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Mergansers -	Number of broods seen	0
Bald Eagles--	Number seen along creek	0
	Number of nests seen and location	0
Seals -----	Number seen at mouth of stream	0
Tide flats -	Estimate length along beach	75 yds.
	Estimate depth out from beach	500 yds.
	Eel grass present on what percent of flats	

# PEAK ESCAPEMENT RECORD

NAME: Nichols Creek

STREAM CATALOG NUMBER: 102-10-60

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 4, 1949	2,000			(G)
Aug. 26, 1955			100 red	(A)
July 8, 1956			1,500 red	500 red at mouth
Aug. 25, 1956				3,000-5,000 coho, pink
July 22, 1957			3,000 red	
Sept. 1, 1961				No fish observed off mouth (A)
Sept. 1, 1961				Fish present in inlet and outlet. Vis. poor. (A)
Aug. 29, 1963				200 fish present at the mouth of the stream. (A)
Sept. 8, 1964	couple			Vis. good. (A)
Sept. 1, 1966				5-10,000 pinks at mouth of stream Showing exceptionally well. (F)